

Data Path : Z:\HPCHEM1\BNA F\Data\BF020615\
 Data File : BF077208.D
 Acq On : 6 Feb 2015 18:36
 Operator : TP/IZ
 Sample : G1238-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Quant Time: Feb 06 23:41:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 06 22:52:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	29354	20.00	ng	0.00
21) Naphthalene-d8	10.56	136	117302	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	57604	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	112573	20.00	ng	0.00
75) Chrysene-d12	21.05	240	114268	20.00	ng	0.00
86) Perylene-d12	22.71	264	99805	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	4.66	112	95911	53.72	ng	0.00
7) Phenol-d6	7.06	99	72287	32.10	ng	0.00
23) Nitrobenzene-d5	8.94	82	170497	80.52	ng	-0.01
41) 2,4,6-Tribromophenol	16.42	330	65084	139.19	ng	0.00
44) 2-Fluorobiphenyl	13.21	172	362221	95.69	ng	0.00
78) Terphenyl-d14	19.79	244	374736	75.50	ng	0.00

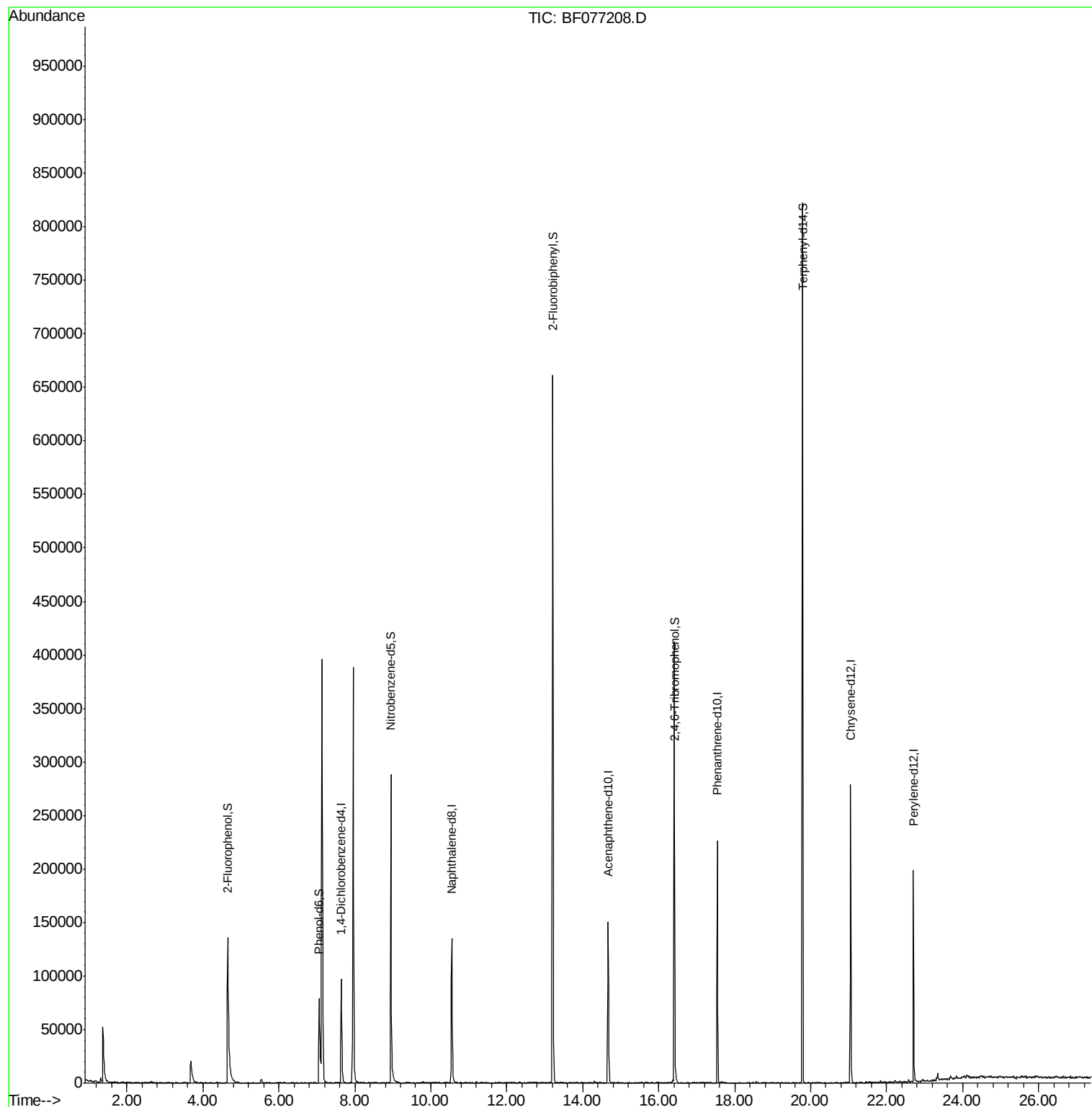
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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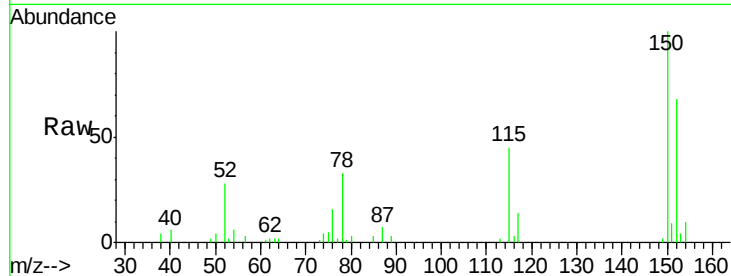


#1

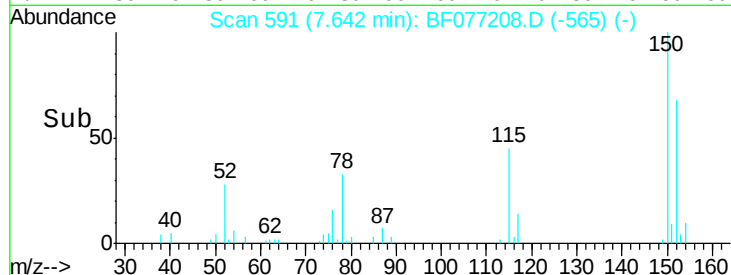
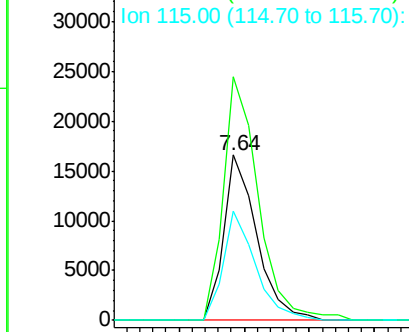
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.64 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF077208.D
Acq: 6 Feb 2015 18:36

Instrument :
BNA_F
ClientSampleId :
MW3

Tot Ion:152 Resp: 29354
Ion Ratio Lower Upper
152 100
150 147.4 121.7 182.5
115 65.9 47.0 70.6



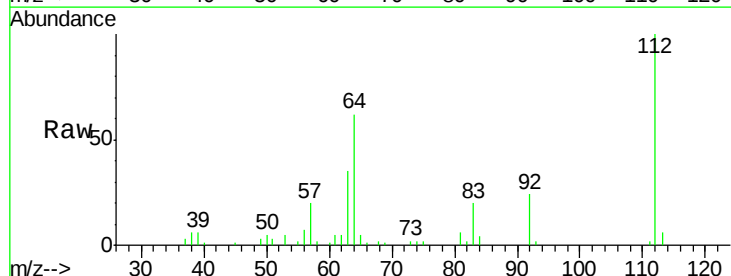
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



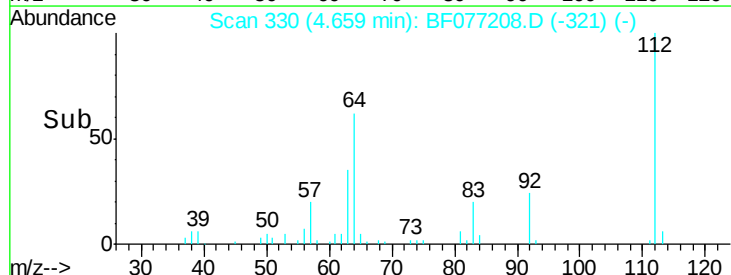
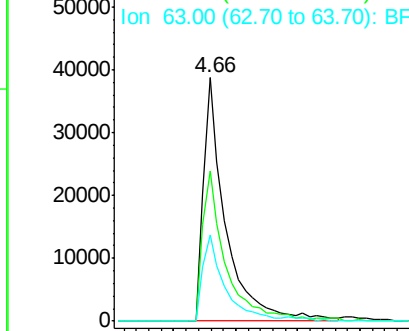
#5

2-Fluorophenol
Concen: 53.72 ng
RT: 4.66 min Scan# 330
Delta R.T. 0.00 min
Lab File: BF077208.D
Acq: 6 Feb 2015 18:36

Tgt Ion:112 Resp: 95911
Ion Ratio Lower Upper
112 100
64 61.6 54.2 81.4
63 35.4 28.4 42.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 32.10 ng

RT: 7.06 min Scan# 540

Delta R.T. 0.00 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW3

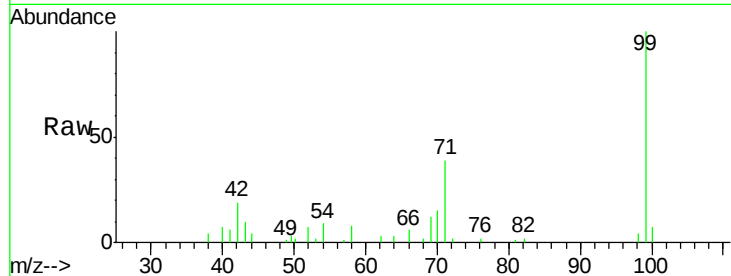
Tot Ion: 99 Resp: 72287

Ion Ratio Lower Upper

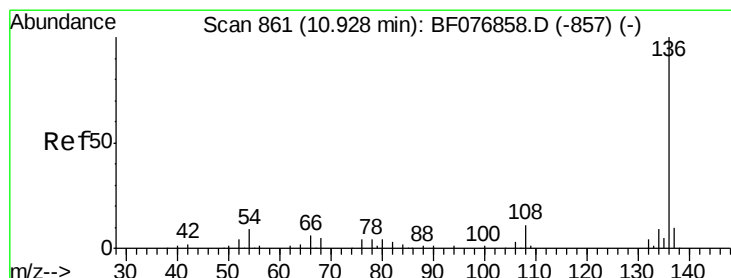
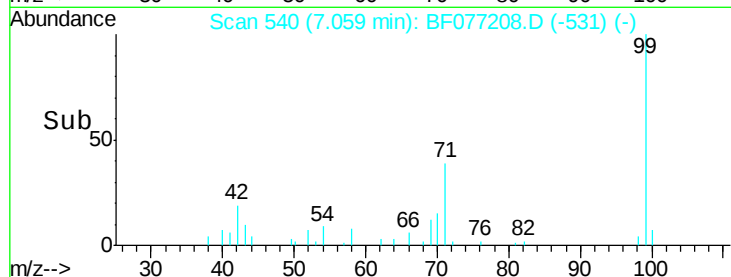
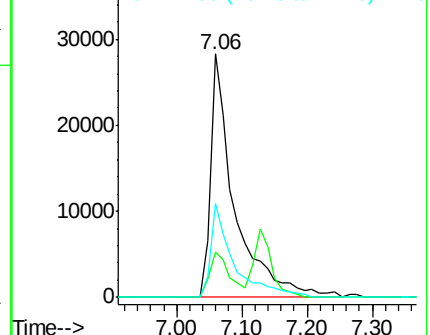
99 100

42 18.8 15.0 22.4

71 38.7 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

Tgt Ion: 136 Resp: 117302

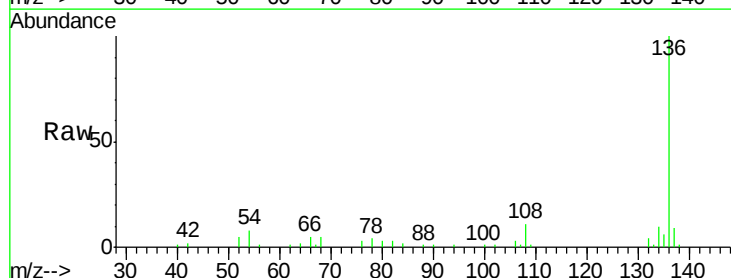
Ion Ratio Lower Upper

136 100

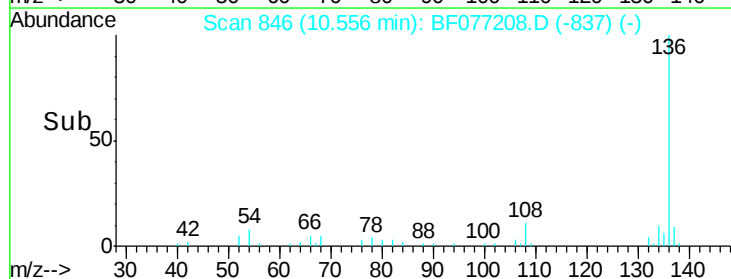
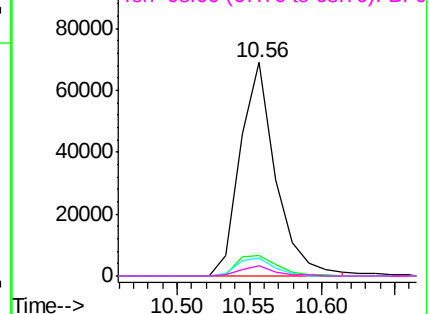
137 9.4 8.1 12.1

54 8.3 7.0 10.4

68 4.6 3.7 5.5



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





#23

Nitrobenzene-d5

Concen: 80.52 ng

RT: 8.94 min Scan# 705

Delta R.T. -0.01 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW3

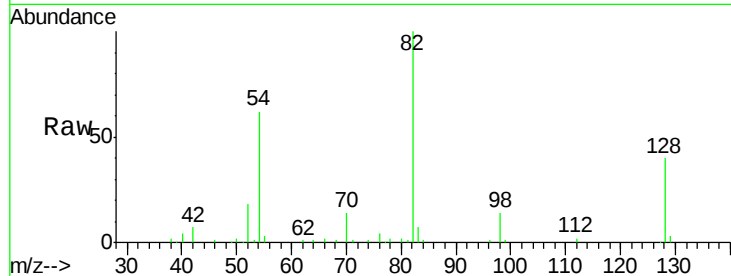
Tot Ion: 82 Resp: 170497

Ion Ratio Lower Upper

82 100

128 40.2 33.1 49.7

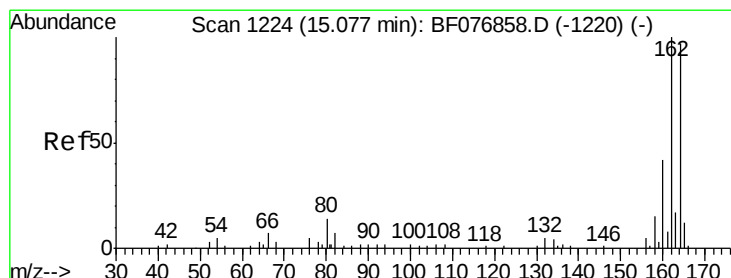
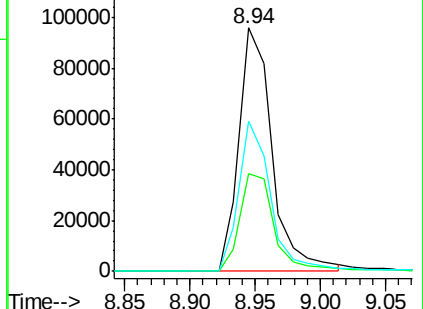
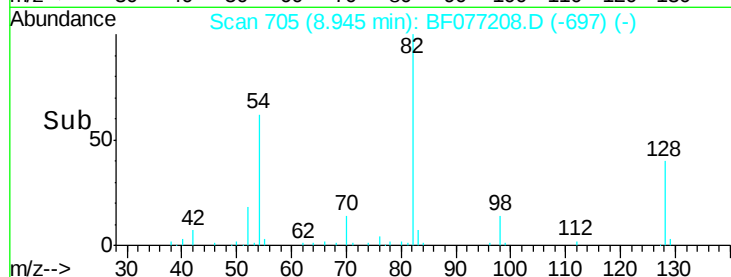
54 61.5 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF077208.D (-697) (-)

Ion 128.00 (127.70 to 128.70): BF077208.D (-697) (-)

Ion 54.00 (53.70 to 54.70): BF077208.D (-697) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.67 min Scan# 1206

Delta R.T. 0.00 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

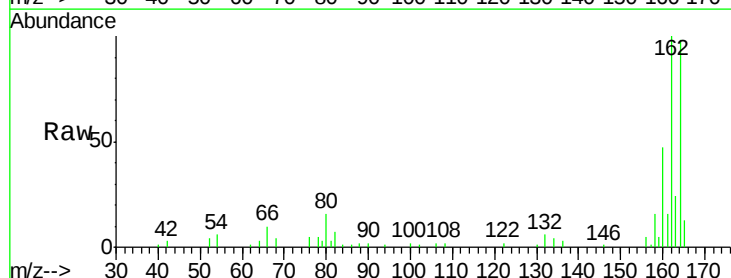
Tgt Ion: 164 Resp: 57604

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

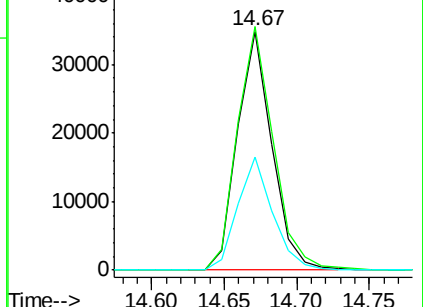
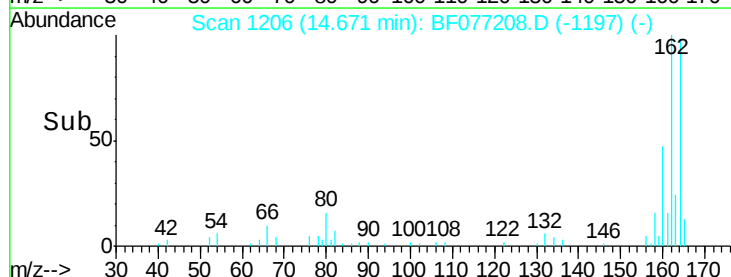
160 47.5 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): BF077208.D (-1197) (-)

Ion 162.00 (161.70 to 162.70): BF077208.D (-1197) (-)

Ion 160.00 (159.70 to 160.70): BF077208.D (-1197) (-)

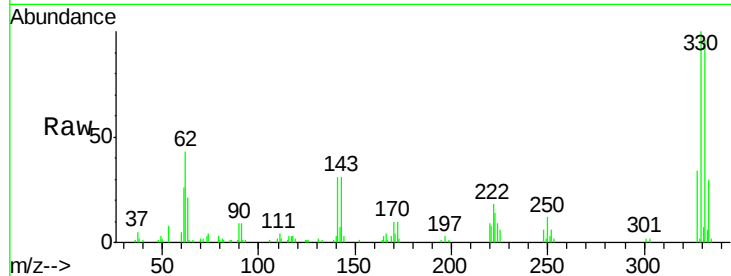




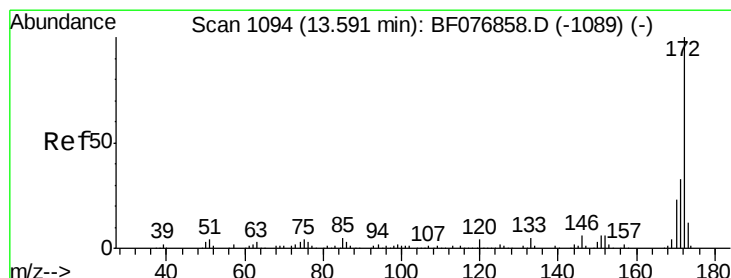
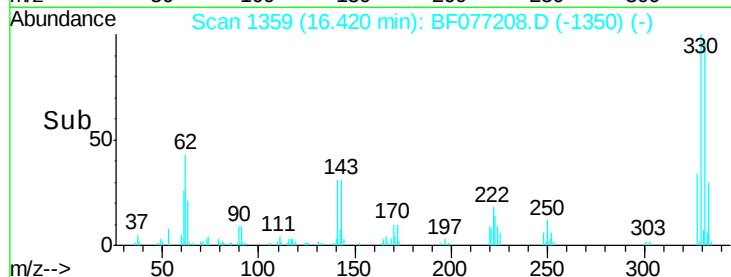
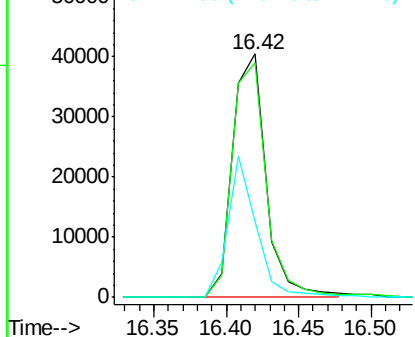
#41
 2,4,6-Tribromophenol
 Concen: 139.19 ng
 RT: 16.42 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: BF077208.D
 Acq: 6 Feb 2015 18:36

Instrument :
 BNA_F
 ClientSampled :
 MW3

Tot Ion:330 Resp: 65084
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.8 116.6
 141 49.5 38.5 57.7

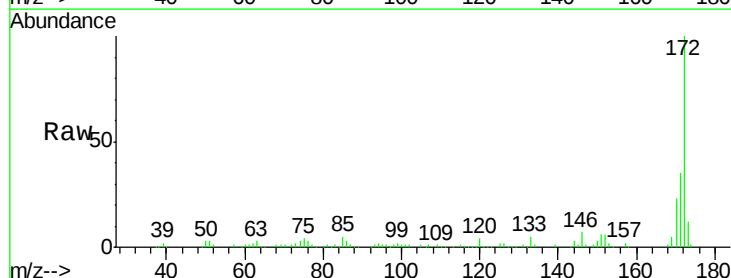


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

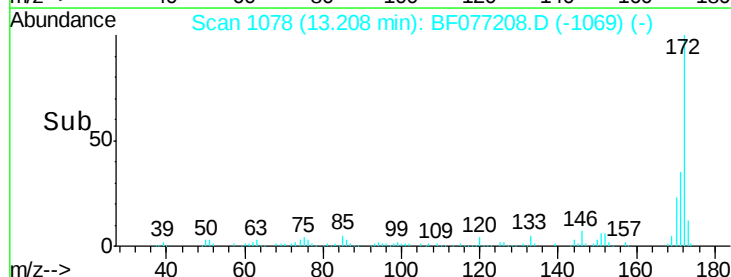
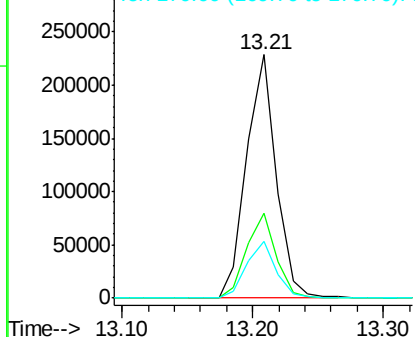


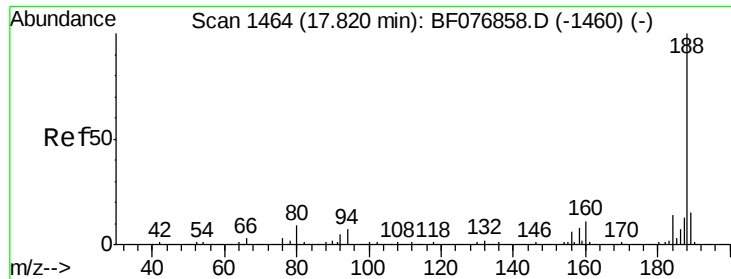
#44
 2-Fluorobiphenyl
 Concen: 95.69 ng
 RT: 13.21 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: BF077208.D
 Acq: 6 Feb 2015 18:36

Tgt Ion:172 Resp: 362221
 Ion Ratio Lower Upper
 172 100
 171 35.0 26.6 40.0
 170 23.2 18.0 27.0



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 1457

Delta R.T. 0.00 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

Instrument :

BNA_F

ClientSampleId :

MW3

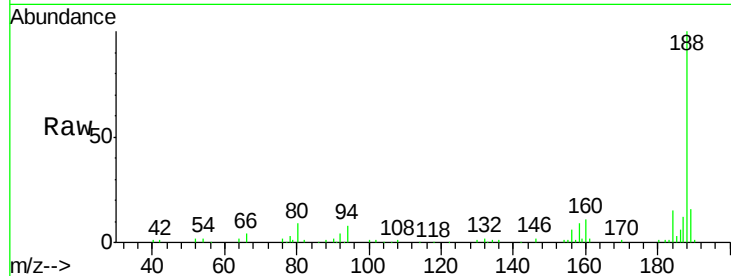
Tot Ion:188 Resp: 112573

Ion Ratio Lower Upper

188 100

94 8.4 6.0 9.0

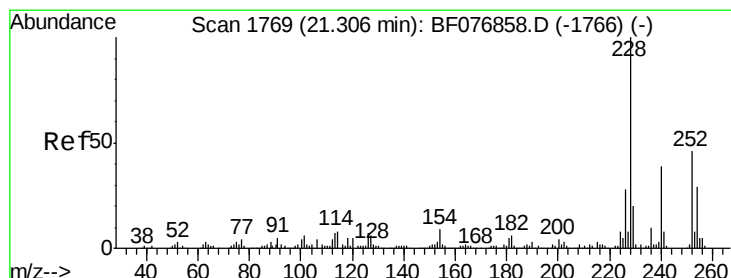
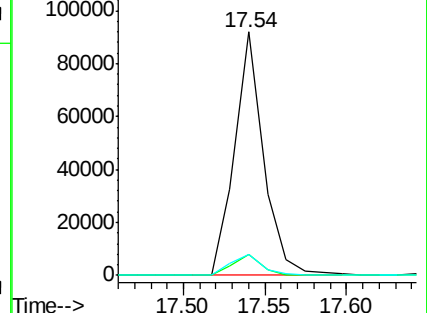
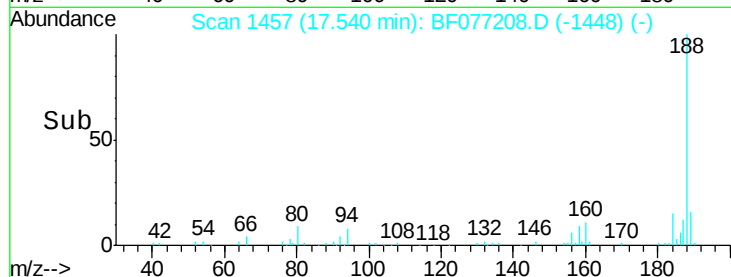
80 8.6 6.9 10.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.05 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF077208.D

Acq: 6 Feb 2015 18:36

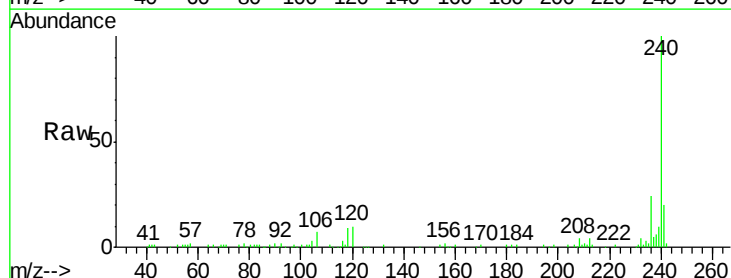
Tgt Ion:240 Resp: 114268

Ion Ratio Lower Upper

240 100

120 9.8 10.4 15.6#

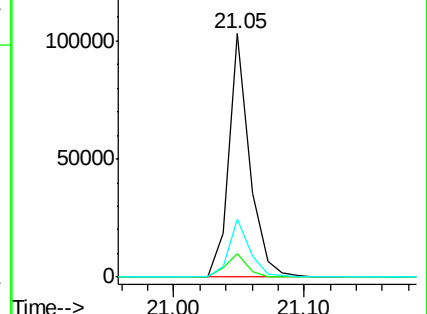
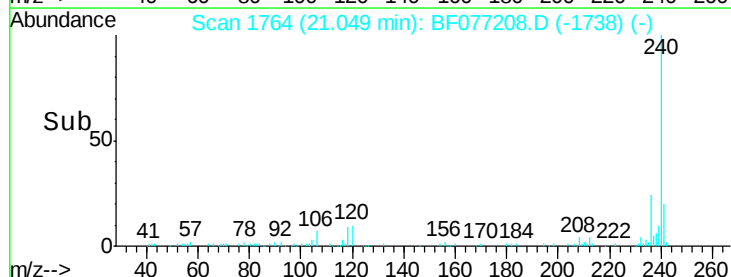
236 24.1 20.2 30.2

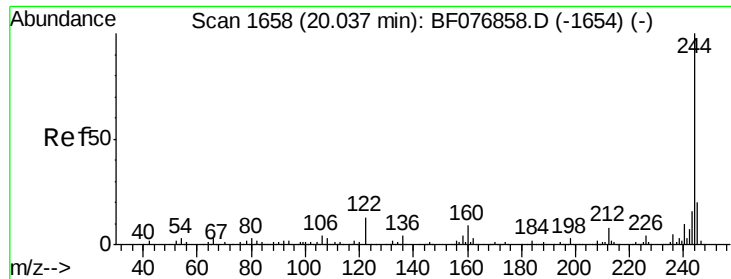


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

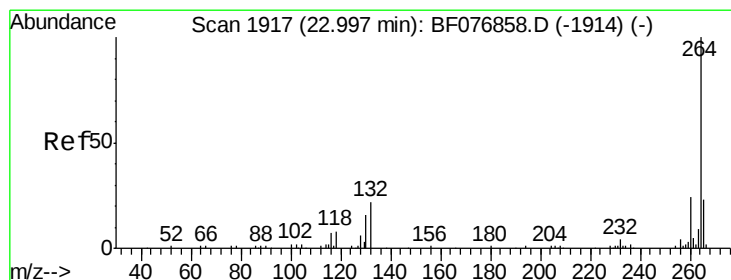
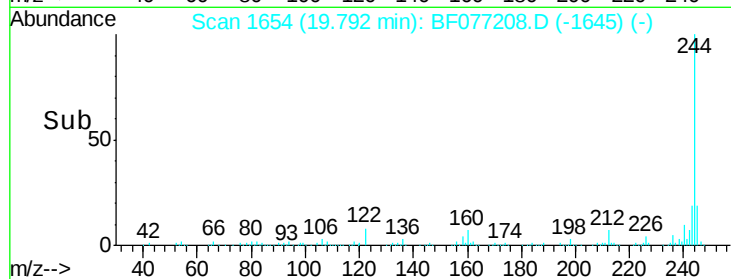
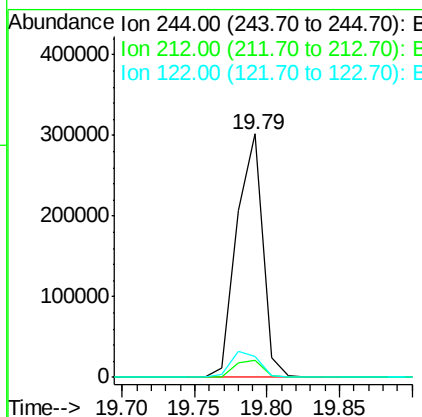
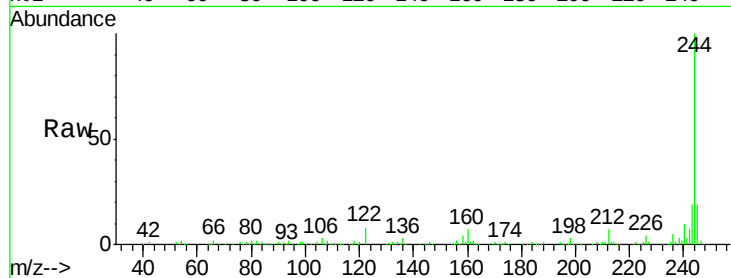




#78
 Terphenyl-d14
 Concen: 75.50 ng
 RT: 19.79 min Scan# 1654
 Delta R.T. 0.00 min
 Lab File: BF077208.D
 Acq: 6 Feb 2015 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MW3

Tot Ion:244 Resp: 374736
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.3 9.5
 122 8.3 10.1 15.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.71 min Scan# 1909
 Delta R.T. -0.03 min
 Lab File: BF077208.D
 Acq: 6 Feb 2015 18:36

Tgt Ion:264 Resp: 99805
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 21.8 18.1 27.1

